ABSTRACT

A prostaglandin derivative represented by Formula

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(I):

$$\begin{array}{c}
X \\
S(O)_{p}(CH_{2})_{n} = R^{2} \\
HO \\
HO
\end{array}$$
(I)

wherein X is a halogen atom in the $\alpha-$ or β -substitution, Y is an ethylene group, a vinylene group or an ethynylene group, R^1 is a C_{3-10} cycloalkyl group, a C_{3-10} cycloalkyl group substituted with a C_{1-4} straight or branched chain alkyl group or a C_{4-13} cycloalkylalkyl group, R^2 is a hydrogen atom or a CO_2R^3 group (R^3 is a hydrogen atom, a C_{1-4} straight or branched chain alkyl group or a C_{2-4} straight or branched chain alkenyl group), n is an integer of 1 to 4 and p is 0, 1 or 2,

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a pharmaceutically acceptable salt thereof or a hydrate thereof.